

New Mexico- (Clayton Field Office)
FY 2005 RANKING CRITERIA WORKSHEET - CROPLAND

Select One: New System _____ Conversion _____

Applicant _____ Farm No. _____ Tract No. _____ CMS Field No's. _____ Date _____

Tribal Land _____ Non-Tribal Land _____ Preliminary Rating _____ Final Rating _____

1. Water Quantity - (Total Maximum Points 70)

Irrigation Efficiency - Use FIRS to Evaluate			Potential Points	Bench-mark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
			70		
1. Water Quantity			Total		

2. Water Quality - (Total Maximum Points 75)

A. Surface Water Pollutants - (40) Points Maximum

There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of field to the nearest live waters or re-entry point into a shared irrigation system. If there is no run-off, after points will be 0.

Distance of Surface Run-Off to Live Water	Points	Bench	After
<100 Ft. (Highest)	40	0	
101 - 500 Ft.	30	0	
501 - 1,320 Ft.	20	0	
1,320 - 2,640 Ft.	10	0	
>2,640 Ft. (Lowest)	5	0	
A. Surface Water	Total	0	

B. Ground Water Pollutants - (35) Points Maximum

There is a probability that irrigation water containing salt, pesticides, and/or nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and direct return flow into wells. Points to be awarded based on depth to the water table, or elimination of any direct

Depth to Water Table	Points	Bench	After
1 - 10 Ft or elimination of any direct discharge into ground water. (Highest)	35	0	
10 - 50 Ft.	25	0	
50 -100 Ft.	15	0	
>100 Ft. (Lowest)	5	0	
B. Ground Water	Total	0	

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Tribal Land____ Non-Tribal Land_____		Preliminary Rating ____		Final Rating ____

3. Selected Conservation Practices - (Total Maximum Points 100)

Any practice used in the ranking criteria and intended to be included in the conservation plan of operations must be cost-shared or have an incentive payment. Higher priority (value) should be given to those practices which address multiple resource concerns, are cost effective, and have longer life spans. Use the Quality Criteria in the FOTG to establish the practices that have an impact on the identified resource concern. Some example practices are listed below:

Potential
Points

Percent of need to be installed.

Points

Soil (Erosion), Water (Quality, Quantity), Air (Quality), Plants (Health), Animals (Habitat)

Resource Concerns: Soil- Both wind and water erosion, Water- inadequate qualities and quantities, Air- inadequate air quality, Plants- composition, health and vigor, Animals- Forage quality and quantity
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(SOIL, AIR)

550	Range Planting for center pivot corners
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10

(WATER QUANTITY)

441	Irrigation system (Drip Tape)
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10

442	Irrigation system Sprinkler (LESA)
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20

442	Irrigation system Sprinkler (LEPA)*
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40

10

442	Flow Meter
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20

430	Irrigation water conveyance, Pipeline
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	10

436	Irrigation storage reservoir (no. and ac-ft)
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10

(WATER QUALITY)

442	CHEMIGATION VALVE
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10

3. Selected Conservation Practices

Total	100%
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4. Other Considerations - (Total Maximum Points 30)

Below are some suggested, not required, criteria. If there are other criteria the D.C. wants to recommend based on LWG advice, please include them here.	Potential Points	Benc-mark	After Points
A. At risk species are in the area and the contract will enhance habitat for the species.	10	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	20	0	
C. Treatment of this land could enhance the benefits of an active/planned sec. 319 project.	N/A	0	
D. This land is within NMED Category I Watershed.	N/A	0	
4. Other Considerations	Total	0	

Designated Conservationist

Date